

Author Index

- Abdel-Kader, M.H. 161
Al-Baharna, B.S. 161
- Bacri, J.-C. 1, 11
Bailey, A.I. 223, 237
Barhoum, R. 197
Beger, J. 197
Boué, F. 11
Busscher, H.J. 279
- Cabuil, V. 11
Chlebicki, J. 243
Choi, H.J. 39
Churaev, N.V. 93
Cornell, D.G. 153
- Damodaran, R. 191
De Coninck, J. 131
de Jaeger, N. 171
Douillard, J.M. 261
- Esumi, K. 273
- Frattoni, P.L. 47
- Garris, J.P. 103
Gebel, G. 113
Goldstein, R.E. 29
Goworek, J. 251
- Hamzah, R.Y. 161
Hayes, R.A. 137
Hwang, Y.H. 19
- Ilyin, V.V. 93
Ishikawa, T. 287
- Jackson, D.P. 29
Jhon, M.S. 39, 47
Joubran, R.F. 153
Jung, C. 77
- Kandori, K. 287
Karis, T.E. 39
- Kowalczyk, H. 257
Kumar, P. 69
Kwon, T.M. 39, 47
- Lagerge, S. 261
Langer, S.A. 29
Lisiecki, I. 63
Luckham, P.F. 223, 237
- Malashenko, G.L. 93
Martini, G. 113
Mathur, M.C.A. 77
Matsui, H. 273
McPhee, W. 181
Meinders, J.M. 279
Miller, P. 181
Mizuno, K. 121
Mohammed, R.A. 223, 237
Moudgil, B.M. 191
Multani, M.S. 69
- Nakamae, K. 85
Neveu-Prin, S. 1
- Obuchi, A. 121
Ogata, A. 121
Ohi, A. 121
Ohuchi, H. 121
Okamoto, S. 85
Olteanu, M. 127
- Paquin, P. 211
Parris, N. 153
Partyka, S. 261
Pelton, R. 181
Peretz, S. 127
Perzynski, R. 1, 11
Philipse, A.P. 203
Pileni, M.P. 63
Pillai, V. 69
Popescu, G. 127
- Raghavan, S. 77
Rajaram, S. 181
- Ralston, J. 137
Remillard, N. 211
Ristori, S. 113
Robin, O. 211
Rousset, P. 261
Rybicki, E. 77
Rychlicki, G. 257
- Sadani, L.N. 47
Sadowski, Z. 147
Saito, H. 287
Schmidt, C. 197
Shah, D.O. 69
Sikes, C.S. 103
Sokołowski, A. 243
Stefaniak, W. 251
Szymanowski, J. 197
- Tanigawa, S. 85
Taylor, S.E. 223, 237
Terry, H. 171
Terzyk, A.P. 257
Tourinho, F.A. 1
Tsujiguchi, T. 85
- Ulberg, D.E. 93
- Vereecken, J. 171
- Wilk, K.A. 243
Wu, X.-l. 19
- Yamaguchi, K. 85
Yamamoto, Y. 287
Yelloji-Rao, M.K. 293
- Zougrana, T. 261

Subject Index

Adsorption, 77, 85, 121, 147, 243, 257, 261, 273, 287
Adsorption calorimetry, 257
Aggregation, 93, 113
Aging, 191
Alloy, 121
Aluminium, 171
Ammonium perfluorooctanoate, 113
Aqueous phase composition, 153
Asphaltic constituents, 237

Barite, 147
Barium ferrite, 69
Benzoic acid, 261
Biopolymers, 103
Boehmite-silica gels, 203
Boehmite needles, 203
Bovine serum albumin, 287

Calcite, 261
Calcium phosphate, 191
Catalysis, 121
Coagulation, 93
Coatings, 191
Cobalt ferrite, 1
Coercivity, 69
Colloid characterization, 181
Colloidal graphite, 127
Colloidal physics, 19
Conformation, 273
Contact angle relaxation, 137
Copper particles, 63
Cosurfactant, 147
Crude oil-water interface, 223
Crude oil emulsions, 223, 237

Desorption, 279
Dewatering, 223, 237
Dispersion, 103, 273
Dolomite, 261
Domain structure, 19
Dynamics, 29
Dynamics of spreading, 131
Dynamics of wetting, 131

Electrophoresis, 181
Electrophoretic deposition, 191
Electrophoretic mobility, 181

Emulsion, 211
Entropy, 257
Excitation spectra, 161
External magnetic fields, 47

Fat globule, 211
 γ -Fe₂O₃ particles, 85
Ferrofluids, 1
Film electrical resistance, 127
Flow calorimetry, 77
Fluorescence spectra, 161
Fluorite flotation, 197
Functional group, 85

Gas adsorption, 171
Gradient method, 257
Graining morphology, 171
Graphite film on glass, 127

N-Hexyl-4-[5-(2-phenyloxazolyl)]benzenesulfonamide, 161
Homogeneous solutions, 161

Image analysis, 279
Infrared analysis, 211
Instability, 19
Interfacial properties, 237
Interparticle correlations, 11
Intraparticle correlations, 11
Intrinsic viscosity, 85
Ionic ferrofluids, 11
Ising models, 131

Lamellar phase, 113
Latex characterization, 181
Long-chain alkyl grafts, 251

Magnetic birefringence, 1
Magnetic fluids, 29
Magnetic particle, 19
Magnetic particles, 39, 47
Magnetic recording, 77
Magnetic resonance, 113
Magnetization, 69
Metal particles, 77
Micellar systems, 161
Microemulsions, 69, 153, 161

- Microemulsion processing, 69
- Milk, 211
- Minerals, 103
- Mixed stabilizer, 127
- Molecular dynamics simulation, 93
- Morpholine derivatives, 243
- Myristic acid derivatives, 197

- Nanoparticles, 1, 63, 69
- Non-aqueous media, 191
- Non-ionic surfactant, 153

- Organic solvents, 261
- Orientation, 47

- Palladium, 121
- Parallel-plate flow chamber, 279
- Pattern formation, 29
- Phase transition, 19
- 4-[5-(2-Phenyloxazolyl)]benzenesulfonic acid, 161
- Piperidine derivatives, 243
- Platinum, 121
- Polyacrylate, 103
- Polyaspartate, 103
- Polymer, 273
- Poly(methyl methacrylate), 85
- Porosity, 251
- Precursor film, 131

- Relaxation time, 279
- Reverse micelles, 63

- Rheo-optical study, 47
- Rheological behaviour, 223
- Rheomagnetic measurement, 39

- Silica, 273
- Silica gels, 251
- Silica rods, 203
- Silica spheres, 203
- Size distribution, 211
- Small-angle neutron scattering, 11
- SOS models, 131
- Sodium dodecyl sulfate, 147
- Solution-air interface, 243
- Spherical agglomeration, 147
- Spontaneous wetting/dewetting, 137
- Stability, 273
- Stabilization in aqueous medium, 127
- Strontium hydroxyapatites, 287
- Surface activity, 197
- Surface area, 257
- Surface treatments, 171
- Suspensions, 39
- Synthesis, 63

- Temperature, 153
- Thermogravimetric analysis, 251
- Triglyceride, 153

- Wetting binder, 77

- Zeta potential, 181